

# Freeform Search

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Term:

L4 and order\$

 Display:  Documents in Display Format:  Starting with Number 

 Generate: ☐ Hit List ☒ Hit Count ☐ Side by Side ☐ Image

Search

Clear

Interrupt

## Search History

 DATE: Tuesday, March 08, 2005 [Printable Copy](#) [Create Case](#)

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
<u>L7</u>	L4 and order\$	1	<u>L7</u>
<u>L6</u>	L4 and order	1	<u>L6</u>
<u>L5</u>	l4 and explicit\$	0	<u>L5</u>
<u>L4</u>	L3 or (6633852.pn.)	4	<u>L4</u>
<u>L3</u>	6594673.pn.	2	<u>L3</u>
<u>L2</u>	L1 and explicit\$	0	<u>L2</u>
<i>DB=PGPB; PLUR=YES; OP=OR</i>			
<u>L1</u>	20020059272.pn.	1	<u>L1</u>

END OF SEARCH HISTORY

34-36

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Generate Collection

Print

L6: Entry 1 of 1

File: USPT

Oct 14, 2003

DOCUMENT-IDENTIFIER: US 6633852 B1

TITLE: Preference-based catalog browser that utilizes a belief network

Brief Summary Text (13):

After the belief network has been created, the belief network becomes the engine for a decision-support system. The belief network is converted into a computer-readable form, such as a file, and input into a computer system. Then, the computer system uses the belief network to determine the probabilities of variable states given observations, determine the benefits of performing tests, and ultimately recommend or render a decision. Consider an example where a decision-support system uses the belief network of FIG. 2 to troubleshoot automobile problems. If the engine for an automobile did not start, the decision-based system could request an observation of whether there was gas 224, whether the fuel pump 226 was in working order by performing a test, whether the fuel line 228 was obstructed, whether the distributor 230 was working, and whether the spark plugs 232 were working. While the observations and tests are being performed, the belief network assists in determining which variable should be observed next.

Detailed Description Text (48):

In this step, the EVI of each attribute is computed using the belief network, and then the preference-based browser displays the attributes to the user in descending order of their EVI. Upon viewing the attributes, the user reports the value of one of the attributes. Usually, this attribute will be the one at the top of the list, but not always. For example, the user may not want to report the value of the first attribute, because they are not sure of the answer or the answer is too costly to obtain.

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